Mechanics' Institute,

SAN FRANCISCO.

Thirty-Eighth Annual Report,

1893.

Mechanics' Institute

LIBRARY AND READING ROOM,

31 POST STREET, SAN FRANCISCO.

62,500 VOLUMES.

From three hundred to six hundred volumes added monthly.

Daily list of additions is posted in the circulation department.

New Books of general interest or special merit are added as soon as published, and duplicated in accordance with the demand.

Members' requests for books not already in the Library receive careful consideration.

The Reference Department is especially strong in mechanical and engineering works, including complete sets of the principal American and Foreign scientific periodicals.

It contains, also, the United States and the English Patent Office Reports, complete.

The Reading Room list of periodicals embraces the title of 400 newspapers, magazines, reviews and journals.

Classes in Mechanical, Architectural and Free-Hand Drawing, each two evenings a week.

Season tickets to the Industrial Exposition of the Institute, half price to members.

HOURS OF THE LIBRARY.

LIBRARY, - - - - - - - -	9 A. M. to 10 P. M.
" (Sundays,) - - - - -	12:30 to 4:30 P. M.
READING AND CHESS ROOMS, - -	7 A. M. to 10 P. M.
" " " " (Sundays,)	8 A. M. to 9 P. M.

TERMS OF MEMBERSHIP.

Entrance Fee, - - - - -	$ 1 00
Quarterly Dues, - - - -	1 50
Life Membership, - - - - -	50 00

Rooms open for inspection day and evening.

THIRTY-EIGHTH

ANNUAL REPORT

OF THE

MECHANICS' INSTITUTE.

SAN FRANCISCO, CAL.

1893.

PRESIDENTS OF THE INSTITUTE

FROM ITS ORGANIZATION.

1855 —BENJAMIN HEYWOOD.
1855 —JOHN SIME.
1856 —R. MATHESON.
1857-58—JOHN SIME.
1859 —GEORGE COFRAN.
1860 —THOMAS TENNENT.
1861 —JOHN P. BUCKLEY.
1862 —B. H. FREEMAN.
1863-64—JOSEPH BRITTON.
1865 —CHARLES M. PLUM.
1866 —H. J. BOOTH.
1867 —GEORGE K. GLUYAS.
1868-77—ANDREW S. HALLIDIE.
1878-79—IRVING M. SCOTT.
1880-88—P. B. CORNWALL.
1889-91—DAVID KERR.
1892-93—IRWIN C. STUMP.

OFFICERS.

BOARD OF TRUSTEES, 1892–1893.

IRWIN C. STUMP, President,
GEORGE E. DOW, Vice-President,
J. K. FIRTH, Treasurer,
SAMUEL J. HENDY, Recording Secretary,
MARSDEN MANSON, Cor. Secretary,
GEORGE CUMMING,
FRANK DALTON,
M. A. DORN,
HENRY T. BUSH,
A. S. HALLIDIE,
OSCAR LEWIS,
D. A. MACDONALD,
A. W. STOTT,
ANDREW WILKIE.

J. H. CULVER, Secretary, 31 Post Street.

STANDING COMMITTEES.

FINANCE.....DALTON, HALLIDIE, DORN
LIBRARY, ROOMS AND BUILDING....WILKIE, MACDONALD, LEWIS
BOOKS AND DONATIONS.....HALLIDIE, DALTON, MANSON
LECTURES AND CLASSES.....MANSON, DOW, FIRTH
PRINTING AND ADVERTISING.....BUSH, HENDY, DALTON
POWER AND MACHINERY.....FIRTH, DOW, CUMMING
RULES, REGULATIONS AND AWARDS..LEWIS, MANSON, MACDONALD
TICKETS AND ADMISSIONS..... DOW, HENDY, WILKIE
MUSIC, DECORATION AND ART.....DORN, HALLIDIE, STOTT
PRIVILEGES.....HENDY, WILKIE, BUSH
LOCATION AND POLICE.....MACDONALD, CUMMING, WILKIE
HORTICULTURE..... .....STOTT, MANSON, BUSH
SPECIAL EXHIBITS.....CUMMING, FIRTH, LEWIS

THE PAVILION COMMITTEE consists of the President, Vice-President and Treasurer.

LIBRARY.

31 POST STREET.

HORACE WILSON.....Librarian.
A. M. JELLISON.....Assistant Librarian.

ASSISTANTS:

F. B. GRAVES, F. I. BAMFORD,
J. H. WOOD, R. D. COLQUHOUN,
G. N. BREWER.

F. E. HARRIS, Janitor.

REPORT OF THE PRESIDENT.

Owing to his absence from the State, the usual and customary address of the President was not presented at the Annual Meeting, but a full statement of the financial and library affairs of the Institute will be found in the following report of its officers:

REPORT OF THE TREASURER.

To the President and Members of the Mechanics' Institute:

I herewith present my report for the year ending February 28, 1893:

GENERAL FUND.

RECEIPTS.

Quarter ending May 31, 1892		$12,840 34	
" " August 31, 1892		13,087 26	
" " November 30, 1892		16,003 68	
" " February 28, 1893		16,127 58	
		$58,058 86	
Overdraft on American Bank and Trust Co.		3,043 19	
			$61,102 03

DISBURSEMENTS.

Quarter ending May 31, 1892		$12,840 34	
" " August 31, 1892		13,087 26	
" " November 30, 1892		16,003 68	
" " February 29, 1893		19,170 75	
			$61,102 03

SINKING FUND.

RECEIPTS.

Quarter ending May 31, 1892		$589 59	
" " August 31, 1892		601 14	
" " November 30, 1892		612 98	
" " February 29, 1893		1,203 19	
			$3,006 90

Respectfully submitted.

J. K. FIRTH,
Treasurer.

FINANCIAL STATEMENT

FOR THE YEAR ENDING FEBRUARY 28, 1892.

RECEPTS.

Library—		
Books, fines, etc	$1,575 45	
Entrance fees	2,292 00	
Life membership	150 00	
Quarterly dues	24,214 50	
Rents, Post street	8,100 00	
Evening classes, drawing paper	43 60	
		$36,375 55
Folsom Street Lot—		
Returned interest		16 66
Pavilion—		
Rent of building	$9,541 40	
Cancelled insurance	22 00	
Rents, Hayes street buildings	3,157 13	
		12,720 53
Twenty-seventh Exposition—		
From sale of season tickets		1,755 00
Insurance—		
Returned premiums		64 40
Cash balance, March 1st, 1892—		
With Treasurer, sinking fund	894 40	
With Librarian	179 87	
		1,074 27
Cash balance, March 1st, 1893—		
Overdraft		6,058 59
Unpaid bills		184 57
		$58,249 57

EXPENDITURES.

Library—		
Advertising	$ 434 51	
Books	5,097 42	
Binding	1,731 43	
Printing and stationery	738 66	
Periodicals	1,215 05	
Salaries	10,059 50	
Water	251 50	
Taxes	953 29	
Fuel	266 14	
Expense	974 87	
Insurance	881 70	

Lighting	2,070 59	
Repairs	504 86	
Lectures	154 95	
		25,334 47
Pavilion—		
Permanent improvements	678 15	
Taxes	1,843 68	
Salaries and labor	3,546 00	
Gas	2,502 72	
Expense	656 85	
Water	144 00	
Insurance	1,004 35	
		10,375 75
Folsom Street Lot—		
Interest	6,000 00	
Taxes	590 83	
Improvements	308 50	
Legal expenses	540 50	
		7,439 83
Evening classes—		
Salaries, lectures, gas, etc		1,930 66
Bills payable—		
Am. Bank and Trust Co., loan paid		7,000 00
Interest account—		
Am. Bank and Trust Co., loan and overdraft		533 76
Unpaid bills—		
1892	2,456 27	
1893	30 64	
		2,486 91
Cash balance, March 1st, 1893—		
With Treasurer, sinking fund		3,006 90
With Librarian	141 29	
		3,148 19
		$58,249 57

Respectfully submitted.

J. H. CULVER,
Secretary.

San Francisco, March 10, 1893.

REPORT OF THE LIBRARIAN.

To the President and Members of the Mechanics' Institute:—

I have the honor to present the 38th annual report of the Library for the year ending February 28, 1893.

The statistics herewith presented are ample evidence of that steady growth which has been marked in the history of the library for many years. The gain in membership has been exceptionally large during the last quarter, in consequence of the requirements of the Board of Trustees respecting the sale of season exhibition tickets to members.

There were 1,394 new members in the month of January, and 2,295 during the year.

The following table shows the gain and present membership:

TABLE OF MEMBERSHIP.

In good standing last report			4,130
New members	2,292		
Life members	3		
		2,295	
Withdrawn and dropped		884	
Net gain			1,411
In good standing this date — Honorary	11		
Life	194		
Subscribers	5,336	Total	5,541

BOOKS.

The accessions to catalogue show the addition of 5,321 new volumes, an increase of thirty per cent. over last year.

TABLE OF ACCESSIONS

	No. of Vols.	Per Ct.		No. of Vols.	Per Ct.
Bibliography	25	.4	Fine Arts	115	2.2
General Periodicals	272	5.1	Poetry	116	.22
Philosophy	69	1.3	Fiction and Juveniles	2,348	44.11
Religion	59	1.1	Literature	112	2.1
Sociology	836	15.8	Geography and Description	202	3.8
Philology	24	.4	Biography	231	4.3
Natural Science	161	3.0	History	193	3.7
Useful Arts	558	10.5			
				5,321	100.00

There were purchased	2,962	
Presented	676	
Bound	1,683	
		5,321
Unbound and pamphlets:		
Purchased	924	
Purchased	225	
These were assigned:		
Reference Rooms	1,396	
Circulation Department	3,921	
		5,321

There are 62,444 volumes in the Library, of which 23,019 volumes compose the Reference Library and 39,425 are in the circulation department.

The book account for the year is $5,097 42.

TABLE OF BOOKS AND ACCESSIONS.

Number of volumes last report		57,934
New volumes added	5,321	
Lost with dropped members	27	
Lost and paid for	71	
Worn out and disposed of	271	
Missing, unaccounted for	442	
	811	
Net increase		4,510
Total as per account taken Feb. 28th		62,444

BINDING.

New books, periodicals and pamphlets bound	1,683	
Old volumes re-bound	1,492	
		3,175
Old volumes repaired in the Library		5,757

The binding account is $1,731 43.

PERIODICALS.

The Library and Reading room is supplied with 442 current periodicals; many of these are in duplicate, and of some, six or seven copies are required; some are issued in circulation as books.

Paid	311	
Presented	131	
		442
American	346	
Foreign	96	
		442

The subscription account is $1,215.05

DONATIONS.

The gifts to the Library were—

Bound volumes	676
Unbound and pamphlets	225
Papers and magazines	131

CIRCULATION.

The issue of books for home use was 152,709 volumes, an increase of ten per cent. The Library was open 304 days and the average daily issue was 502 volumes, the largest delivery in one day being 1,095 volumes. With our system of free access to the shelves, both in the reference and circulation departments, where members help themselves to whatever books they may want, it is obviously impossible to keep any accurate record of the use of books in the Library. As this reference use is a most important, perhaps the most valuable feature, of our work, it is to be regretted that the statistics are not more complete. But from careful observation and estimates such use must be at least two-thirds the outside circulation. In some libraries it is found to be fully equal to it. This is the case in the Mercantile Library of St. Louis, which attributes its unusually large reference use chiefly to location.

I quote from its last report: "The explanation of this large reference use lies, first, in the fact that our building is situated in the heart of the shipping district, and within a few minutes' walk, at most, of all the large office buildings."

It has been found that some 1,600 persons visit the Library daily, and on some busy days more than 2,100. Their demands for information, for assistance, for service at the delivery desk, all tax to the utmost the attendants and the capacity of the Library. The recent large accession to our membership, the unusually large circulation last month (14,500 volumes, an increase of 20 per cent. over the usual monthly average) has made uncomfortably manifest our cramped condition and meagre quarters. The reference department is upon two floors and in four rooms. There is no adequate work-room. The preparation of books for Library use, and the catalogue work, is carried on at great disadvantage. It is intended during the present year to place a satisfactory catalogue in use; but whatever its other deficiencies, an adequate building is the greatest need, and one which claims precedence of all others.

Perhaps I should refrain from this subject, since every one seems convinced of our necessity in this respect, and really something seems likely to be done at last; but the want has long existed, and as bright a promise has often failed.

EVENING CLASSES,

An important feature in the Institute work, of which little is said or reported, is the evening classes, two in free hand, two in mechanical and one in architectural drawing; each two evenings a week and free to members of the Institute. The classes accommodate from 180 to 200 pupils in all. The applications registered at the Library for admission, the past year, were nearly 400. The expenditure for this work was $1,936.66.

RECEIPTS.

The collections at the Library were:

Fees—new members	$2,292 00
Fees—life members	150 00
Quarterly dues	24,214 50
Books lost (71)	84 95
Fines collected	980 05
Extra books (5,095 @ 10c.)	509 50
Paper sold, and sundry	44 55
Total receipts at Library	$28,275 55
Balance March 1, 1892	179 87
Total receipts	$28,455 42
Deposited with Treasurer	28,314 13
Balance on hand March 1, 1893	$ 141 29

A list of donors and table of statistics are appended.

Respectfully submitted.

HORACE WILSON,
Librarian.

March 11, 1893.

SUMMARY OF STATISTICS.—1881-1893.

Year ending March 1st	RECEIPTS.			EXPENDITURES.							Accessions, volumes	No. of volumes	Circulation	Membership
	Fees and Dues	Other	Total	Books	Periodicals	Binding	Total, Books, Periodicals, Binding	Salaries	Other	Total				
1881	$8,713 72	.....	$8,713 72	$2,726 37	$1,243 36	$1,386 49	$5,356 22	$5,341 00	$6,129 37	$16,826 59	1,878	30,207	47,550	1,537
1882	8,393 75	$56 60	8,450 35	1,702 91	1,314 18	745 48	3,762 57	5,342 50	5,239 99	14,245 06	1,356	31,187	46,873	1,524
1883	8,249 50	69 35	8,318 85	2,154 74	1,526 63	738 19	4,419 56	5,342 50	4,724 63	14,486 69	1,758	32,620	44,236	1,618
1884	10,146 08	98 00	10,244 08	2,105 01	1,482 73	658 35	4,206 09	4,982 09	5,626 23	14,854 32	2,053	34,620	51,464	1,919
1885	11,553 00	44 15	11,597 15	4,134 88	1,014 74	1,327 21	6,526 83	5,488 15	7,910 07	19,925 05	2,792	36,328	50,759	2,123
1886	14,123 50	140 60	14,264 10	4,130 32	1,051 37	1,194 90	6,376 59	6,132 00	7,490 91	19,899 50	3,302	38,627	72,121	2,531
1887	15,227 50	184 25	15,411 75	4,198 03	1,382 52	1,294 89	6,875 44	6,445 50	6,819 61	20,080 55	3,394	41,465	89,491	2,852
1888	17,503 50	209 16	17,712 66	4,639 69	1,386 63	1,438 97	7,465 29	6,602 00	6,224 51	20,291 80	3,809	45,051	92,827	3,160
1889	19,806 00	248 85	20,054 85	3,846 71	1,589 18	2,413 14	7,849 03	7,540 00	7,283 63	22,672 66	3,713	47,656	100,503	3,557
1890	21,669 00	403 90	22,072 90	4,824 81	1,276 22	1,648 07	7,749 10	8,162 50	7,612 87	23,523 97	4,701	51,820	114,678	3,970
1891	22,863 50	1,400 35	24,263 85	4,720 13	1,670 81	2,594 43	8,985 40	8,883 00	7,401 98	25,270 38	4,147	54,982	135,972	4,076
1892	23,333 50	1,666 12	24,999 62	4,506 41	2,340 61	1,641 31	8,488 33	9,712 50	8,341 12	26,541 95	4,017	57,934	139,090	4,130
1893	26,656 50	1,619 05	28,275 55	5,097 42	1,215 05	1,731 43	8,043 90	10,059 50	7,251 07	25,354 47	5,321	62,444	152,709	5,541

GIFTS.

BOOKS AND PAMPHLETS.

Names of Donors.	Vols.	Pamphlets
Aaron, C. H.	6	
American Metrological Society		1
Anonymous.	2	
Bamford, F. I., "Arena," year's subscription (2 copies)	1	
Bremer, Dr. L.		1
British Government (Patent Office)		46
Brooklyn Library		1
Buffalo Library		1
Bureau of American Republics		6
California—		
Fish Commissioners	1	
Railroad Commissioners		1
State Mining Bureau		1
State Library	22	
California Conference, 1892 (Methodist)		1
California Pharmaceutical Society		1
Chicago Public Library		1
Coffin, George C.		1
Coney, A. K.		1
Cumming, George	1	
Davidson, Prof. George		1
Davis, A B.		1
Eyster, Mrs. Nellie Blessing	1	
Finley, John P.		1
Geographical Society of California		1
Godoy, Jose F.	2	
Gordon, C. W.	1	
Gordon, H. L.	1	
Imperial University, Tokio, Japan.		2
Indiana Commandery, M. O. L. L. U. S.		1
Jerome, E. B.	1	
Koopman, H L.		1
Leland Stanford Jr. University.		6
Lewis, Austin.		1
Library Company, Philadelphia.		1
Los Angeles Public Library		1
Manson, N. J		2
Martinoff, R. W.		2

Names of Donors.	Vols.	Pamphlets
Maryland Institute		1
Mathews, H. E		1
Miller, J. H		4
Muybridge, E		1
National Civil Service Reform League		8
Newberry Library, Chicago		1
Nicaragua Canal Construction Co		1
Observatorio Meteorologic-Magnetico, Central Mexico		4
Odd Fellows' Library Association, S. F		1
Overland Monthly Publishing Co	1	
Pacific Pine Lumber Co		3
Patent Office, Brisbane, Queensland		2
Paz, Ireneo	1	
Perkins, F. B		1
Pratt Institute		1
Providence Public Library		1
Public Library, Brookline, Mass		1
Rankin, Ira P		1
Rodgers, C. T		2
San Francisco—		
Board of Education	1	1
Election Commissioners	1	
Savage, R. H	1	
Scheaberle, J. M		1
Smithsonian Institute	1	5
Spon & Chamberlain	1	
St. Louis Mercantile Library Association		1
St. Louis Public Library		2
Stallard, Dr. J. H		4
State Library of Pennsylvania	1	
Stetefeldt, C. A		3
Sunset Club, Chicago	1	
Technical Society of the Pacific Coast		1
Treadwell, J W		1
Trenor, T. F., "Good Roads" (subscription for year)		
Turner, H. W		1
United States—		
Bureau of Education	3	8
Bureau of Statistics		1
Chief of Engineers	6	
Civil Service Commission	4	1
Coast and Geodetic Survey	1	
Comptroller of Currency	3	

Names of Donors.	Vols.	Pamphlets
Department of Agriculture		7
Department of the Interior	528	28
Department of Justice	3	
Department of State	3	2
Inter-State Commerce Commission	3	
Naval Observatory	2	1
Ordnance Department	1	
Patent Office (publications 1892)	1	
Treasury Department	1	
War Department	9	1
University of California	1	9
University of Chicago		1
Woman's Christian Temperance Union		1
World's Columbian Exposition, 1893		11

PERIODICALS PRESENTED.

American Institute of Mining Engineers, Transactions.
American Sentinel (Oakland, Cal.)
American Standard (San Francisco, Cal.)
Anderson Enterprise (Anderson, Cal.)
Astronomical Society of the Pacific, Publications.
Breeder and Sportsman.
Bulletin Commerciale de Campagnie Geneva Transatlantique.
Bureau of Statistics, Quarterly Reports.
California Academy of Sciences, Bulletin.
Colifornia Architect and Building News.
California Demokrat.
California Fruit Grower.
California Journal.
California Spirit of the Times.
California Voice.
Californische Volksfreund.
Chamber of Commerce Journal (London).
Chino Valley Champion (Chino, Cal.)
Christian Science Journal.
Citrograph (Redlands, Cal.)
City Argus (S. F.)
Clear Lake Press (Lower Lower Lake, Cal.)
Cloverdale Reveille (Cloverdale, Cal.)
Congressional Record.
Contra Costa Gazette (Martinez, Cal.)
Corning Observer (Corning, Cal.)
Daily Commercial News (San Francisco, Cal.)

Daily Examiner (San Francisco, Cal.)
Daily Herald (Nevada City, Cal.)
Daily Morning Republican (Fresno, Cal.)
Daily News (Red Bluff, Cal.)
Daily Palo Alto (Palo Alto, Cal.)
Daily Tidings (Grass Valley, Cal.)
Daily Transcript (Nevada City, Cal.)
Dalles Times-Mountaineer (Dalles, Oregon.)
Edward's Abstract from Records (San Francisco, Cal.)
Elevator (San Francisco, Cal.)
Elko Independent (Elko, Nev.)
Enterprise (Castroville, Cal.)
Evening Bulletin (San Francisco, Cal.)
Evening Post (San Francisco, Cal.)
Filatelic Facts and Fallacies.
Galt Weekly Gazette (Galt, Cal.)
Germania (San Francisco, Cal.)
Gilroy Gazette (Gilroy, Cal.)
Golden Era.
Good Health.
Grass Valley Union (Grass Valley, Cal.)
Grocer and Country Merchant.
Harmony.
Hayes Valley Advertiser (San Francisco, Cal.)
Hebrew.
Hotel Gazette (San Francisco, Cal.)
Humane Journal (St. Paul.)
Imports and Exports, Summary.
Insurance Times.
Institution of Civil Engineers, Proceedings.
Invention (London.)
Jewelers' Weekly (N. Y.)
Jewish Progress.
Jewish Times.
Lake County Avalanche (Lakeport, Cal.)
Lassen Advocate (Susanville, Cal.)
Los Angeles Weekly Mirror (Los Angeles, Cal.)
Marysville Daily Appeal (Marysville, Cal.)
Mendocino Beacon (Mendocino, Cal.)
Mission Journal (San Francisco, Cal.)
Monitor (San Francisco, Cal.)
Morning Call (San Francisco, Cal.)
Morning Mail (Woodland, Cal.)
Morning Oregonian (Portland, Or.)

Morning Press (Santa Barbara, Cal.)
Morning Times (Oakland, Cal.)
Mountain Messenger (Downieville, Cal.)
Music and Drama (San Francisco, Cal.)
Napa Register (Napa, Cal)
News Letter (San Francisco, Cal.)
Oakland Daily Evening Tribune (Oakland, Cal.)
Occident (Berkeley, Cal.)
Occident (San Francisco, Cal)
Official Gazette of the Patent Office (United States).
Oregon State Journal (Eugene, Or.)
Oroville Register (Oroville, Cal.)
Outlook (Santa Monica, Cal.)
Pacific Churchman.
Pacific Coast Financial Record.
Pacific Health Journal.
Pacific Lumberman, Contractor and Electrician.
Pacific Rural Press.
Pacific Town Talk.
People's Cause (Red Bluff, Cal)
Placer Argus (Auburn, Cal.)
Placer Herald (Auburn, Cal.)
Plumas National (Quincy, Cal.)
Political Record (San Francisco, Cal.)
Press-Horticulture (Riverside, Cal.)
St. Helena Star (St. Helena, Cal.)
Salinas City Index (Salinas, Cal.)
San Diego Union (San Diego, Cal.)
San Diego Vidette (San Diego, Cal.)
San Francisco Chronicle.
San Francisco Daily Report.
San Francisco Journal of Commerce.
San Jose Herald.
San Jose Weekly Mercury.
San Luis Obispo Tribune (San Luis Obispo, Cal.)
San Miguel Messenger (San Miguel, Cal.)
Saucelito News (Saucelito, Cal.)
Seattle Press (Seattle, Wash.)
Signs of the Times (Oakland, Cal.)
Specifications and Drawings of Patents (United States.)
States-Rights Democrat (Albany, Or.)
Students' Journal.
Sun (Denver, Col.)
Technical Society of the Pacffic Coast, Transactions.

Templeton Advance (Templeton, Cal.)
Textile World.
The Star (San Francisco, Cal.)
Themis (Sacramento).
United States American.
United States Consular Reports.
Vancouver Independent.
Victoria Weekly Colonist.
Virginia Evening Chronicle (Virginia. Nev.)
Weekly Bulletin (Boston, Mass.)
Weekly Californian (Bakersfield).
Weekly Colusa Sun (Colusa, Cal.)
Weekly Leader (Port Townsend, Wash.)
Weekly People's Press (San Francisco).
West Coast Building Record (San Francisco).
Wood and Iron.
Yreka Journal (Yreka, Cal.)

MECHANICS' INSTITUTE,

SAN FRANCISCO, CAL.

INDUSTRIAL DRAWING CLASSES.

1893—1894.

The Term will commence August 14, 1893, and end May 31, 1894.

ORDER OF CLASSES.

Machine Drawing and Descriptive Geometry,
MONDAYS AND THURSDAYS.

Drawing from the Flat,
Perspective, Architectural and Ornamental Drawing,
Also, a separate class in Algebra and Geometry,
TUESDAYS AND FRIDAYS.

Class Hours, 7:30 p. m. to 9:30 p. m., at the Pavilion, cor. Hayes and Larkin Sts.

A copy of the rules, conditions of entrance, and all information, can be obtained from the Librarian, 31 Post Street.

Committee on Lectures and Classes: A. W. STOTT, GEO. CUMMING, J. K. FIRTH.